



Alberta Oil Sands Plant Statistics

Monthly Supplement

CANADIANA

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January 1994



Alberta Oil Sands Plant Statistics

Monthly Supplement

ENERGY RESOURCES CONSERVATION BOARD
STATISTICAL SERIES

ERCB

Alberta Oil Sands
Plant Statistics
Monthly Supplement

ALBERTA OIL SANDS PLANT STATISTICS
MONTHLY SUPPLEMENT

ISSN 0822-1499

Published by:

Energy Resources Conservation Board
640 5 Avenue SW
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Note: Inquiries regarding this publication should be directed to the Board's Accounting Department, Statistics Section at (403) 297-2537.



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1. Grade: Mass per cent Bitumen in oil sands.
2. Gas volume at 101.325 kPa and 15° C.
3. Liquid volume at 15° C.

NOTES

- ¹ Distillate production does not include heavy fuel oil.
- ² Sulphur production includes flared / waste.
- ³ Synthetic crude oil production does not include diluent naphtha production.
Suncor includes diesel production (SCO site fuel uses.)
- ⁴ Other hydrocarbons production includes light slop material.

1994
Year

January
Month

Suncor Oil Sands

	Tonnes	Grade
Mined	3 805 590	11.26
Processed	3 805 590	11.26

External Energy

	Gas	Electric
	3 3	
	10 m	GWh
Purchased	24 289.7	6.2
Generated	0.0	46.1
	24 289.7	52.3
Plant Use	10 498.4	52.3
Further Processing	12 703.2	0.0
Flared	1 088.1	0.0
Metering Difference	0.0	0.0
	24 289.7	52.3

Syncrude Oil Sands

	Tonnes	Grade
Mined	10 355 438	10.61
Processed	11 101 000	10.50

External Energy

	Gas	Electric
	3 3	
	10 m	GWh
Purchased	95 003.0	25.8
Generated	0.0	129.4
	95 003.0	155.2
Plant Use	30 140.0	155.2
Further Processing	64 863.0	0.0
Flared	0.0	0.0
Metering Difference	0.0	0.0
	95 003.0	155.2

Operator	Products		1994			
			Year		January	
	Synthetic Crude Oil [3]	Other Hydro -Carbons [4]	Coke	Sulphur [2]	Bitumen	Distillate [1]
	3	3			3	3
	m	m	tonnes	tonnes	m	m
Suncor		Diluent				
		Naphtha				
Open. Inv.	74 194.0	45 556.8	3 563 445	0	22 631.4	45 197.5
Receipts	0.0	0.0	0	0	0.0	0.0
Production	299 342.8	(5 900.8)	87 961	11 931	390 915.2	327 886.6
Clos. Inv.	59 905.1	37 774.2	3 582 464	0	36 973.7	58 008.8
	313 631.7	1 881.8	68 942	11 931	376 572.9	315 075.3
Further						
Processing	0.0	0.0	0	0	376 573.0	291 933.4
Fuel	4 679.1	0.0	68 942	0	0.0	0.0
Flared/Waste	0.0	1 881.8	0	480	0.0	0.0
Met. Diff.	(403.9)	0.0	0	0	(0.1)	0.5
Deliveries	309 356.5	0.0	0	11 451	0.0	23 141.4
	313 631.7	1 881.8	68 942	11 931	376 572.9	315 075.3
Syncrude		Diluent				
		Naphtha				
Open. Inv.	16 623	62 467	14 016 177	10 790	386 842	38 126
Receipts	0	0	0	0	8 054	0
Production	914 146	9 288	129 625	44 414	1 047 607	949 499
Clos. Inv.	17 370	67 849	14 145 802	54 639	302 014	73 979
	913 399	3 906	0	565	1 140 489	913 646
Further						
Processing	0	0	0	0	1 140 489	900 655
Fuel	7 594	0	0	0	0	0
Flared/Waste	0	3 906	0	0	0	0
Met. Diff.	(1)	0	0	0	0	12 991
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	905 806	0	0	565	0	0
	913 399	3 906	0	565	1 140 489	913 646

1994 January
Year to Date

**Suncor
Oil Sands**

	Tonnes	Grade
Mined	3 805 590	11.26
Processed	3 805 590	11.26
External Energy		
	Gas	Electric
	3 3	
	10 m	GWh
Purchased	24 289.7	6.2
Generated	0.0	46.1
	24 289.7	52.3
Plant Use	10 498.4	52.3
Further		
Processing	12 703.2	0.0
Flared	1 088.1	0.0
Metering		
Difference	0.0	0.0
	24 289.7	52.3

**Syncrude
Oil Sands**

	Tonnes	Grade
Mined	10 355 438	10.61
Processed	11 101 000	10.50
External Energy		
	Gas	Electric
	3 3	
	10 m	GWh
Purchased	95 003.0	25.8
Generated	0.0	129.4
	95 003.0	155.2
Plant Use	30 140.0	155.2
Further		
Processing	64 863.0	0.0
Flared	0.0	0.0
Metering		
Difference	0.0	0.0
	95 003.0	155.2

Bitumen Synthetic Plant Operations

1994 January
Year to Date

Operator	Products		Intermediates			
	Synthetic Crude Oil [3]	Other Hydro -Carbons [4]	Coke	Sulphur [2]	Bitumen	Distillate [1]
	3	3			3	3
	m	m	tonnes	tonnes	m	m
Suncor		Diluent				
		Naphtha				
Open. Inv.	74 194.0	45 556.8	3 563 445	0	22 631.4	45 197.5
Receipts	0.0	0.0	0	0	0.0	0.0
Production	299 342.8	(5 900.8)	87 961	11 931	390 915.2	327 886.6
Clos. Inv.	59 905.1	37 774.2	3 582 464	0	36 973.7	58 008.8
	313 631.7	1 881.8	68 942	11 931	376 572.9	315 075.3
Further						
Processing	0.0	0.0	0	0	376 573.0	291 933.4
Fuel	4 679.1	0.0	68 942	0	0.0	0.0
Flared/Waste	0.0	1 881.8	0	480	0.0	0.0
Met. Diff.	(403.9)	0.0	0	0	(0.1)	0.5
Deliveries	309 356.5	0.0	0	11 451	0.0	23 141.4
	313 631.7	1 881.8	68 942	11 931	376 572.9	315 075.3

Syncrude

		Diluent				
		Naphtha				
Open. Inv.	16 623	62 467	14 016 177	10 790	386 842	38 126
Receipts	0	0	0	0	8 054	0
Production	914 146	9 288	129 625	44 414	1 047 607	949 499
Clos. Inv.	17 370	67 849	14 145 802	54 639	302 014	73 979
	913 399	3 906	0	565	1 140 489	913 646
Further						
Processing	0	0	0	0	1 140 489	900 655
Fuel	7 594	0	0	0	0	0
Flared/Waste	0	3 906	0	0	0	0
Met. Diff.	(1)	0	0	0	0	12 991
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	905 806	0	0	565	0	0
	913 399	3 906	0	565	1 140 489	913 646



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1. Grade: Mass per cent Bitumen in oil sands.
2. Gas volume at 101.325 kPa and 15° C.
3. Liquid volume at 15° C.

NOTES

- ¹ Distillate production does not include heavy fuel oil.
- ² Sulphur production includes flared / waste.
- ³ Synthetic crude oil production does not include diluent naphtha production.
Suncor includes diesel production (SCO site fuel uses.)
- ⁴ Other hydrocarbons production includes light slop material.

1994	February
Year	Month

Suncor Oil Sands

	Tonnes	Grade
Mined	3 328 206	11.69
Processed	3 328 206	11.69

External Energy

	Gas	Electric
	3 3	
	10 m	GWh

Purchased	22 441.6	9.2
Generated	0.0	36.1
	22 441.6	45.3

Plant Use	9 218.5	45.3
Further Processing	12 205.5	0.0
Flared	1 017.7	0.0
Metering Difference	(0.1)	0.0
	22 441.6	45.3

Syncrude Oil Sands

	Tonnes	Grade
Mined	10 266 703	10.35
Processed	10 253 778	10.40

External Energy

	Gas	Electric
	3 3	
	10 m	GWh

Purchased	79 225.0	33.2
Generated	0.0	108.7
	79 225.0	141.9

Plant Use	20 801.0	141.9
Further Processing	58 424.0	0.0
Flared	0.0	0.0
Metering Difference	0.0	0.0
	79 225.0	141.9

Operator	Products		1994			
			Year		February Month	
	Synthetic Crude Oil [3]	Other Hydro -Carbons [4]	Coke	Sulphur [2]	Intermediates	
					Bitumen	Distillate [1]
	3	3			3	3
	m	m	tonnes	tonnes	m	m
Suncor						
	Diluent					
	Naphtha					
Open. Inv.	59 905.1	37 774.2	3 582 464	0	36 973.7	58 008.8
Receipts	0.0	0.0	0	0	0.0	0.0
Production	323 962.2	1 146.8	85 497	11 770	356 573.6	314 883.3
Clos. Inv.	70 304.2	37 530.2	3 613 812	0	27 525.2	32 463.6
	313 563.1	1 390.8	54 149	11 770	366 022.1	340 428.5
Further						
Processing	0.0	0.0	0	0	366 022.2	308 755.1
Fuel	3 443.6	0.0	54 149	0	0.0	0.0
Flared/Waste	0.0	1 390.7	0	687	0.0	0.0
Met. Diff.	(97.4)	0.1	0	0	(0.1)	(757.4)
Deliveries	310 216.9	0.0	0	11 083	0.0	32 430.8
	313 563.1	1 390.8	54 149	11 770	366 022.1	340 428.5
Syncrude						
	Diluent					
	Naphtha					
Open. Inv.	17 370	67 849	14 145 802	54 639	302 014	73 979
Receipts	0	0	0	0	8 832	0
Production	862 714	5 363	116 419	36 500	956 749	848 945
Clos. Inv.	27 907	69 025	14 262 221	91 139	241 877	63 458
	852 177	4 187	0	0	1 025 718	859 466
Further						
Processing	0	0	0	0	1 025 719	847 181
Fuel	7 589	0	0	0	0	0
Flared/Waste	0	4 187	0	0	0	0
Met. Diff.	(19)	0	0	0	(1)	12 285
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	844 607	0	0	0	0	0
	852 177	4 187	0	0	1 025 718	859 466

1994 February
Year to Date

**Suncor
Oil Sands**

	Tonnes	Grade
Mined	7 181 645	11.39
Processed	7 181 645	11.39
External Energy		
	Gas	Electric
	3 3	
	10 m	GWh
Purchased	46 731.3	15.4
Generated	0.0	82.2
	46 731.3	97.6
Plant Use	19 716.9	97.6
Further		
Processing	24 908.7	0.0
Flared	2 105.8	0.0
Metering		
Difference	(0.1)	0.0
	46 731.3	97.6

**Syncrude
Oil Sands**

	Tonnes	Grade
Mined	20 622 141	10.48
Processed	21 354 778	10.45
External Energy		
	Gas	Electric
	3 3	
	10 m	GWh
Purchased	174 228.0	59.0
Generated	0.0	238.1
	174 228.0	297.1
Plant Use	50 941.0	297.1
Further		
Processing	123 287.0	0.0
Flared	0.0	0.0
Metering		
Difference	0.0	0.0
	174 228.0	297.1

1994 February
Year to Date

Operator	Products		Intermediates			
	Synthetic	Other	Coke	Sulphur [2]	Bitumen	Distillate [1]
	Crude Oil [3]	Hydro				
		-Carbons [4]				
	3	3			3	3
	m	m	tonnes	tonnes	m	m

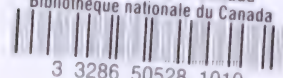
Suncor

	Diluent					
	Naphtha					
Open. Inv.	74 194.0	45 556.8	3 563 445	0	22 631.4	45 197.5
Receipts	0.0	0.0	0.0		0.0	0.0
Production	623 305.0	(4 754.0)	173 458	23 701	747 488.8	642 769.9
Clos. Inv.	70 304.2	37 530.2	3 613 812	0	27 525.2	32 463.6
	627 194.8	3 272.6	123 091	23 701	742 595.0	655 503.8
Further						
Processing	0.0	0.0	0	0	742 595.2	600 688.5
Fuel	8 122.7	0.0	123 091	0	0.0	0.0
Flared/Waste	0.0	3 272.5	0	1 167	0.0	0.0
Met. Diff.	(501.3)	0.1	0	0	(0.2)	(756.9)
Deliveries	619 573.4	0.0	0	22 534	0.0	55 572.2
	627 194.8	3 272.6	123 091	23 701	742 595.0	655 503.8

Syncrude

	Diluent					
	Naphtha					
Open. Inv.	16 623	62 467	14 016 177	10 790	386 842	38 126
Receipts	0	0	0	0	16 886	0
Production	1 776 860	14 651	246 044	80 914	2 004 356	1 798 444
Clos. Inv.	27 907	69 025	14 262 221	91 139	241 877	63 458
	1 765 576	8 093	0	565	2 166 207	1 773 112
Further						
Processing	0	0	0	0	2 166 208	1 747 836
Fuel	15 183	0	0	0	0	0
Flared/Waste	0	8 093	0	0	0	0
Met. Diff.	(20)	0	0	0	(1)	25 276
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	1 750 413	0	0	565	0	0
	1 765 576	8 093	0	565	2 166 207	1 773 112

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2. Gas volume at 101.325 kPa and 15° C.
3. Liquid volume at 15° C.

NOTES

- ¹ Distillate production does not include heavy fuel oil.
- ² Sulphur production includes flared / waste.
- ³ Synthetic crude oil production does not include diluent naphtha production.
Suncor includes diesel production (SCO site fuel uses.)
- ⁴ Other hydrocarbons production includes light slop material.

1994
Year

March
Month

Suncor Oil Sands

	Tonnes	Grade
Mined	3 860 013	12.36
Processed	3 860 013	12.36

External Energy

	Gas	Electric
	3 3	
	10 m	GWh

Purchased	24 766.7	13.2
Generated	0.0	34.2
	24 766.7	47.4

Plant Use	13 972.1	47.4
Further Processing	10 399.9	0.0
Flared	394.7	0.0
Metering		
Difference	0.0	0.0
	24 766.7	47.4

Syncrude Oil Sands

	Tonnes	Grade
Mined	11 618 455	10.52
Processed	11 401 335	10.50

External Energy

	Gas	Electric
	3 3	
	10 m	GWh

Purchased	73 965.0	27.1
Generated	0.0	121.3
	73 965.0	148.4

Plant Use	7 461.0	148.4
Further Processing	66 504.0	0.0
Flared	0.0	0.0
Metering		
Difference	0.0	0.0
	73 965.0	148.4

Operator	Products		1994				March
			Year				Month
	Synthetic Crude Oil [3]	Other Hydro -Carbons [4]	Coke	Sulphur [2]	Bitumen	Distillate [1]	
	3	3			3	3	
	m	m	tonnes	tonnes	m	m	
Suncor	Diluent						
	Naphtha						
Open. Inv.	70 304.2	37 530.2	3 613 812	0	27 525.2	32 463.6	
Receipts	0.0	0.0	0	0	0.0	0.0	
Production	351 312.8	2 897.3	101 808	13 288	445 648.3	366 113.4	
Clos. Inv.	75 885.7	39 027.4	3 660 757	173	37 319.2	31 880.2	
	345 731.3	1 400.1	54 863	13 115	435 854.3	366 696.8	
Further							
Processing	0.0	0.0	0	0	435 854.3	333 917.6	
Fuel	3 276.6	0.0	54 863	0	0.0	0.0	
Flared/Waste	0.0	1 400.1	0	687	0.0	0.0	
Met. Diff.	(90.1)	0.0	0	0	0.0	306.4	
Deliveries	342 544.8	0.0	0	12 428	0.0	32 472.8	
	345 731.3	1 400.1	54 863	13 115	435 854.3	366 696.8	
Syncrude	Diluent						
	Naphtha						
Open. Inv.	27 907	69 025	14 262 221	91 139	241 877	63 458	
Receipts	0	0	0	0	10 903	0	
Production	923 684	3 993	129 017	41 294	1 073 945	913 256	
Clos. Inv.	16 386	67 215	14 391 238	132 433	217 736	57 816	
	935 205	5 803	0	0	1 108 989	918 898	
Further							
Processing	0	0	0	0	1 108 989	908 328	
Fuel	7 134	0	0	0	0	0	
Flared/Waste	0	5 803	0	0	0	0	
Met. Diff.	21	0	0	0	0	10 570	
Diluent Carryover							
/Rerun	0	0	0	0	0	0	
To Suncor	0	0	0	0	0	0	
Deliveries	928 050	0	0	0	0	0	
	935 205	5 803	0	0	1 108 989	918 898	

1994 March
Year to Date

**Suncor
Oil Sands**

	Tonnes	Grade
Mined	11 041 658	11.73
Processed	11 041 658	11.73
External Energy		
	Gas	Electric
	3 3	
	10 m	GWh
Purchased	71 498.0	28.6
Generated	0.0	116.4
	71 498.0	145.0
Plant Use	33 689.0	145.0
Further		
Processing	35 308.6	0.0
Flared	2 500.5	0.0
Metering		
Difference	(0.1)	0.0
	71 498.0	145.0

**Synchrude
Oil Sands**

	Tonnes	Grade
Mined	32 240 596	10.49
Processed	32 756 113	10.47
External Energy		
	Gas	Electric
	3 3	
	10 m	GWh
Purchased	248 193.0	86.1
Generated	0.0	359.4
	248 193.0	445.5
Plant Use	58 402.0	445.5
Further		
Processing	189 791.0	0.0
Flared	0.0	0.0
Metering		
Difference	0.0	0.0
	248 193.0	445.5

Bitumen Synthetic Plant Operations

4

Operator	Products		Coke		Intermediates	
	Synthetic Crude Oil [3]	Other Hydro -Carbons [4]	Coke	Sulphur [2]	Bitumen	Distillate [1]
	3	3			3	3
	m	m	tonnes	tonnes	m	m
Suncor	Diluent					
	Naphtha					
Open. Inv.	74 194.0	45 556.8	3 563 445	0	22 631.4	45 197.5
Receipts	0.0	0.0	0	0	0.0	0.0
Production	974 617.8	(1 856.7)	275 266	36 989	1 193 137.1	1 008 883.3
Clos. Inv.	75 885.7	39 027.4	3 660 757	173	37 319.2	31 880.2
	972 926.1	4 672.7	177 954	36 816	1 178 449.3	1 022 200.6
Further						
Processing	0.0	0.0	0	0	1 178 449.5	934 606.1
Fuel	11 399.3	0.0	177 954	0	0.0	0.0
Flared/Waste	0.0	4 672.6	0	1 854	0.0	0.0
Met. Diff.	(591.4)	0.1	0	0	(0.2)	(450.5)
Deliveries	962 118.2	0.0	0	34 962	0.0	88 045.0
	972 926.1	4 672.7	177 954	36 816	1 178 449.3	1 022 200.6
Syncrude	Diluent					
	Naphtha					
Open. Inv.	16 623	62 467	14 016 177	10 790	386 842	38 126
Receipts	0	0	0	0	27 789	0
Production	2 700 544	18 644	375 061	122 208	3 078 301	2 711 700
Clos. Inv.	16 386	67 215	14 391 238	132 433	217 736	57 816
	2 700 781	13 896	0	565	3 275 196	2 692 010
Further						
Processing	0	0	0	0	3 275 197	2 656 164
Fuel	22 317	0	0	0	0	0
Flared/Waste	0	13 896	0	0	0	0
Met. Diff.	1	0	0	0	(1)	35 846
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	2 678 463	0	0	565	0	0
	2 700 781	13 896	0	565	3 275 196	2 692 010

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Alberta Oil Sands Plant Statistics

Monthly Supplement

April 1994



Alberta Oil Sands Plant Statistics

Monthly Supplement

ENERGY RESOURCES CONSERVATION BOARD
STATISTICAL SERIES

ALBERTA OIL SANDS PLANT STATISTICS
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Section at (403) 297-2537.

1. Grade: Mass per cent Bitumen in oil sands.
2. Gas volume at 101.325 kPa and 15° C.
3. Liquid volume at 15° C.

NOTES

- ¹ Distillate production does not include heavy fuel oil.
- ² Sulphur production includes flared / waste.
- ³ Synthetic crude oil production does not include diluent naphtha production.
Suncor includes diesel production (SCO site fuel uses.)
- ⁴ Other hydrocarbons production includes light slop material.

1994 April
Year Month

Suncor Oil Sands

	Tonnes	Grade
Mined	3 548 428	12.76
Processed	3 548 428	12.76

External Energy

	Gas	Electric
	3 3	
	10 m	GWh
Purchased	15 240.3	4.4
Generated	0.0	42.5
	15 240.3	46.9

Plant Use	3 538.1	46.9
Further Processing	11 440.3	0.0
Flared	261.8	0.0
Metering Difference	0.1	0.0
	15 240.3	46.9

Syncrude Oil Sands

	Tonnes	Grade
Mined	11 760 376	10.95
Processed	6 720 173	10.80

External Energy

	Gas	Electric
	3 3	
	10 m	GWh
Purchased	78 493.0	20.9
Generated	0.0	89.3
	78 493.0	110.2

Plant Use	34 315.0	110.2
Further Processing	44 178.0	0.0
Flared	0.0	0.0
Metering Difference	0.0	0.0
	78 493.0	110.2

Operator	Products		1994			
			Year		April	
	Synthetic Crude Oil [3]	Other Hydro -Carbons [4]	Coke	Sulphur [2]	Intermediates	
					Bitumen	Distillate [1]
	3	3			3	3
	m	m	tonnes	tonnes	m	m
Suncor	Diluent					
	Naphtha					
Open. Inv.	75 885.7	39 027.4	3 660 757	173	37 319.2	31 880.2
Receipts	0.0	0.0	0	0	0.0	0.0
Production	348 604.1	5 418.1	98 855	12 926	420 176.4	357 914.1
Clos. Inv.	85 873.9	42 805.2	3 697 328	173	34 285.8	21 446.7
	338 615.9	1 640.3	62 284	12 926	423 209.8	368 347.6
Further						
Processing	0.0	0.0	0	0	423 209.8	328 088.6
Fuel	3 084.3	0.0	62 284	0	0.0	0.0
Flared/Waste	0.0	1 640.3	0	707	0.0	0.0
Met. Diff.	98.3	0.0	0	1	0.0	49.5
Deliveries	335 433.3	0.0	0	12 218	0.0	40 209.5
	338 615.9	1 640.3	62 284	12 926	423 209.8	368 347.6
Syncrude	Diluent					
	Naphtha					
Open. Inv.	16 386	67 215	14 391 238	132 433	217 736	57 816
Receipts	0	0	0	0	10 343	0
Production	498 812	6 376	63 754	45 718	643 036	523 182
Clos. Inv.	26 874	68 045	14 454 992	155 292	254 460	80 685
	488 324	5 546	0	22 859	616 655	500 313
Further						
Processing	0	0	0	0	616 654	488 620
Fuel	7 531	0	0	0	0	0
Flared/Waste	0	5 546	0	0	0	0
Met. Diff.	(19)	0	0	0	1	11 693
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	480 812	0	0	22 859	0	0
	488 324	5 546	0	22 859	616 655	500 313

1994 April
Year to Date

**Suncor
Oil Sands**

	Tonnes	Grade
Mined	14 590 086	11.98
Processed	14 590 086	11.98

External Energy

	Gas	Electric
	3 3	
	10 m	GWh
Purchased	86 738.3	33.0
Generated	0.0	158.9
	86 738.3	191.9

Plant Use	37 227.1	191.9
Further		
Processing	46 748.9	0.0
Flared	2 762.3	0.0
Metering		
Difference	0.0	0.0
	86 738.3	191.9

**Syncrude
Oil Sands**

	Tonnes	Grade
Mined	44 000 972	10.62
Processed	39 476 286	10.53

External Energy

	Gas	Electric
	3 3	
	10 m	GWh
Purchased	326 686.0	107.0
Generated	0.0	448.7
	326 686.0	555.7

Plant Use	92 717.0	555.7
Further		
Processing	233 969.0	0.0
Flared	0.0	0.0
Metering		
Difference	0.0	0.0
	326 686.0	555.7

Bitumen Synthetic Plant Operations

4

1994 April
Year to Date

Operator	Products		Intermediates			
	Synthetic Crude Oil [3]	Other Hydro -Carbons [4]	Coke	Sulphur [2]	Bitumen	Distillate [1]
	3	3			3	3
	m	m	tonnes	tonnes	m	m
Suncor	Diluent					
	Naphtha					
Open. Inv.	74 194.0	45 556.8	3 563 445	0	22 631.4	45 197.5
Receipts	0.0	0.0	0	0	0.0	0.0
Production	1 323 221.9	3 561.4	374 121	49 915	1 613 313.5	1 366 797.4
Clos. Inv.	85 873.9	42 805.2	3 697 328	173	34 285.8	21 446.7
	1 311 542.0	6 313.0	240 238	49 742	1 601 659.1	1 390 548.2
Further						
Processing	0.0	0.0	0	0	1 601 659.3	1 262 694.7
Fuel	14 483.6	0.0	240 238	0	0.0	0.0
Flared/Waste	0.0	6 312.9	0	2 561	0.0	0.0
Met. Diff.	(493.1)	0.1	0	1	(0.2)	(401.0)
Deliveries	1 297 551.5	0.0	0	47 180	0.0	128 254.5
	1 311 542.0	6 313.0	240 238	49 742	1 601 659.1	1 390 548.2
Syncrude	Diluent					
	Naphtha					
Open. Inv.	16 623	62 467	14 016 177	10 790	386 842	38 126
Receipts	0	0	0	0	38 132	0
Production	3 199 356	25 020	438 815	167 926	3 721 337	3 234 882
Clos. Inv.	26 874	68 045	14 454 992	155 292	254 460	80 685
	3 189 105	19 442	0	23 424	3 891 851	3 192 323
Further						
Processing	0	0	0	0	3 891 851	3 144 784
Fuel	29 848	0	0	0	0	0
Flared/Waste	0	19 442	0	0	0	0
Met. Diff.	(18)	0	0	0	0	47 539
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	3 159 275	0	0	23 424	0	0
	3 189 105	19 442	0	23 424	3 891 851	3 192 323



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May 1994



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1. Grade: Mass per cent Bitumen in oil sands.
2. Gas volume at 101.325 kPa and 15° C.
3. Liquid volume at 15° C.

NOTES

- ¹ Distillate production does not include heavy fuel oil.
- ² Sulphur production includes flared / waste.
- ³ Synthetic crude oil production does not include diluent naphtha production.
Suncor includes diesel production (SCO site fuel uses.)
- ⁴ Other hydrocarbons production includes light slop material.

1994
Year

May
Month

**Suncor
Oil Sands**

	Tonnes	Grade
Mined	3 920 560	12.03
Processed	3 920 560	12.03

External Energy

	Gas	Electric
	3 3	
	10 m	GWh

Purchased	15 288.7	2.3
Generated	0.0	44.9
	15 288.7	47.2

Plant Use	5 775.2	47.2
Further Processing	9 513.5	0.0
Flared	0.0	0.0
Metering		
Difference	0.0	0.0
	15 288.7	47.2

**Syncrude
Oil Sands**

	Tonnes	Grade
Mined	10 040 231	10.63
Processed	12 643 789	10.73

External Energy

	Gas	Electric
	3 3	
	10 m	GWh

Purchased	87 903.0	23.9
Generated	0.0	122.6
	87 903.0	146.5

Plant Use	24 014.0	146.5
Further Processing	63 889.0	0.0
Flared	0.0	0.0
Metering		
Difference	0.0	0.0
	87 903.0	146.5

Operator	Products					
	Intermediates					
	Synthetic Crude Oil [3]	Other Hydro -Carbons [4]	Coke	Sulphur [2]	Bitumen	Distillate [1]
	3	3			3	3
	m	m	tonnes	tonnes	m	m
Suncor						
	Diluent					
	Naphtha					
Open. Inv.	85 873.9	42 805.2	3 697 328	173	34 285.8	21 446.7
Receipts	0.0	0.0	0	0	0.0	0.0
Production	273 859.6	1 628.3	101 573	11 295	434 554.5	372 631.5
Clos. Inv.	20 495.2	42 206.5	3 734 873	173	33 992.7	96 636.8
	339 238.3	2 227.0	64 028	11 295	434 847.6	297 441.4
Further						
Processing	0.0	0.0	0	0	434 847.6	258 581.3
Fuel	5 479.4	0.0	64 029	0	0.0	0.0
Flared/Waste	0.0	2 227.0	0	587	0.0	7 150.8
Met. Diff.	42.2	0.0	(1)	0	0.0	(1.9)
Deliveries	333 716.7	0.0	0	10 708	0.0	31 711.2
	339 238.3	2 227.0	64 028	11 295	434 847.6	297 441.4
Syncrude						
	Diluent					
	Naphtha					
Open. Inv.	26 874	68 045	14 454 992	155 292	254 460	80 685
Receipts	0	0	0	0	9 916	0
Production	908 438	(892)	129 019	76 496	1 221 344	968 771
Clos. Inv.	37 410	63 589	14 584 011	193 540	320 164	150 469
	897 902	3 564	0	38 248	1 165 556	898 987
Further						
Processing	0	0	0	0	1 165 556	889 948
Fuel	7 866	0	0	0	0	0
Flared/Waste	0	3 564	0	0	0	0
Met. Diff.	(19)	0	0	0	0	9 039
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	890 055	0	0	38 248	0	0
	897 902	3 564	0	38 248	1 165 556	898 987

1994 May
Year to Date

**Suncor
Oil Sands**

	Tonnes	Grade
Mined	18 510 646	11.99
Processed	18 510 646	11.99

External Energy

	Gas	Electric
	3 3	
	10 m	GWh
Purchased	102 027.0	35.3
Generated	0.0	203.8
	102 027.0	239.1

Plant Use	43 002.3	239.1
Further		
Processing	56 262.4	0.0
Flared	2 762.3	0.0
Metering		
Difference	0.0	0.0
	102 027.0	239.1

**Syncrude
Oil Sands**

	Tonnes	Grade
Mined	54 041 203	10.62
Processed	52 120 075	10.57

External Energy

	Gas	Electric
	3 3	
	10 m	GWh
Purchased	414 589.0	130.9
Generated	0.0	571.3
	414 589.0	702.2

Plant Use	116 731.0	702.2
Further		
Processing	297 858.0	0.0
Flared	0.0	0.0
Metering		
Difference	0.0	0.0
	414 589.0	702.2

Bitumen Synthetic Plant Operations

4

1994
Year to Date

May

Operator	Products		Coke	Sulphur [2]	Intermediates	
	Synthetic	Other			Bitumen	Distillate [1]
	Crude Oil [3]	Hydro				
		-Carbons [4]				
	3	3			3	3
	m	m	tonnes	tonnes	m	m

Suncor

	Diluent					
	Naphtha					
Open. Inv.	74 194.0	45 556.8	3 563 445	0	22 631.4	45 197.5
Receipts	0.0	0.0	0	0	0.0	0.0
Production	1 597 081.5	5 189.7	475 694	61 210	2 047 868.0	1 739 428.9
Clos. Inv.	20 495.2	42 206.5	3 734 873	173	33 992.7	96 636.8
	1 650 780.3	8 540.0	304 266	61 037	2 036 506.7	1 687 989.6
Further						
Processing	0.0	0.0	0	0	2 036 506.9	1 521 276.0
Fuel	19 963.0	0.0	304 267	0	0.0	0.0
Flared/Waste	0.0	8 539.9	0	3 148	0.0	7 150.8
Met. Diff.	(450.9)	0.1	(1)	1	(0.2)	(402.9)
Deliveries	1 631 268.2	0.0	0	57 888	0.0	159 965.7
	1 650 780.3	8 540.0	304 266	61 037	2 036 506.7	1 687 989.6

Syncrude

	Diluent					
	Naphtha					
Open. Inv.	16 623	62 467	14 016 177	10 790	386 842	38 126
Receipts	0	0	0	0	48 048	0
Production	4 107 794	24 128	567 834	244 422	4 942 681	4 203 653
Clos. Inv.	37 410	63 589	14 584 011	193 540	320 164	150 469
	4 087 007	23 006	0	61 672	5 057 407	4 091 310
Further						
Processing	0	0	0	0	5 057 407	4 034 732
Fuel	37 714	0	0	0	0	0
Flared/Waste	0	23 006	0	0	0	0
Met. Diff.	(37)	0	0	0	0	56 578
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	4 049 330	0	0	61 672	0	0
	4 087 007	23 006	0	61 672	5 057 407	4 091 310

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2. Gas volume at 101.325 kPa and 15° C.
3. Liquid volume at 15° C.

NOTES

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- ² Sulphur production includes flared / waste.
- ³ Synthetic crude oil production does not include diluent naphtha production.
Suncor includes diesel production (SCO site fuel uses.)
- ⁴ Other hydrocarbons production includes light slop material.

1994	June
Year	Month

**Suncor
Oil Sands**

	Tonnes	Grade
Mined	3 803 956	11.78
Processed	3 803 956	11.78

External Energy

	Gas	Electric
	3 3	
	10 m	GWh

Purchased	11 548.8	5.0
Generated	0.0	37.0
	11 548.8	42.0

Plant Use	5 596.0	42.0
Further Processing	5 952.8	0.0
Flared	0.0	0.0
Metering Difference	0.0	0.0
	11 548.8	42.0

**Syncrude
Oil Sands**

	Tonnes	Grade
Mined	10 557 120	10.73
Processed	12 444 930	10.71

External Energy

	Gas	Electric
	3 3	
	10 m	GWh

Purchased	89 176.0	25.0
Generated	0.0	119.0
	89 176.0	144.0

Plant Use	17 728.0	144.0
Further Processing	71 448.0	0.0
Flared	0.0	0.0
Metering Difference	0.0	0.0
	89 176.0	144.0

Operator	Products		Intermediates			
	Synthetic Crude Oil [3]	Other Hydro -Carbons [4]	Coke	Sulphur [2]	Bitumen	Distillate [1]
	3	3			3	3
	m	m	tonnes	tonnes	m	m
Suncor	Diluent					
	Naphtha					
Open. Inv.	20 495.2	42 206.5	3 734 873	173	33 992.7	96 636.8
Receipts	0.0	0.0	0	0	0.0	0.0
Production	305 121.1	4 166.4	92 873	7 145	409 937.3	348 303.1
Clos. Inv.	45 111.7	44 530.5	3 746 113	173	46 331.0	104 232.5
	280 504.6	1 842.4	81 633	7 145	397 599.0	340 707.4
Further						
Processing	0.0	0.0	0	0	397 599.0	121 591.2
Fuel	4 018.3	0.0	81 632	0	0.0	0.0
Flared/Waste	0.0	1 842.4	0	603	0.0	13 080.2
Met. Diff.	127.6	0.0	1	0	0.0	0.0
Deliveries	276 358.7	0.0	0	6 542	0.0	206 036.0
	280 504.6	1 842.4	81 633	7 145	397 599.0	340 707.4
Syncrude	Diluent					
	Naphtha					
Open. Inv.	37 410	63 589	14 584 011	193 540	320 164	150 469
Receipts	0	0	0	0	10 006	0
Production	1 077 158	(924)	136 201	89 256	1 194 403	1 002 333
Clos. Inv.	58 690	58 860	14 720 212	238 168	327 070	88 711
	1 055 878	3 805	0	44 628	1 197 503	1 064 091
Further						
Processing	0	0	0	0	1 197 502	1 058 468
Fuel	8 209	0	0	0	0	0
Flared/Waste	0	3 805	0	0	0	0
Met. Diff.	(38)	0	0	0	1	5 623
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	1 047 707	0	0	44 628	0	0
	1 055 878	3 805	0	44 628	1 197 503	1 064 091

1994 June
Year to Date

**Suncor
Oil Sands**

	Tonnes	Grade
Mined	22 314 602	11.95
Processed	22 314 602	11.95
External Energy		
	Gas	Electric
	3 3	
	10 m	GWh
Purchased	113 575.8	40.3
Generated	0.0	240.8
	113 575.8	281.1
Plant Use	48 598.3	281.1
Further		
Processing	62 215.2	0.0
Flared	2 762.3	0.0
Metering		
Difference	0.0	0.0
	113 575.8	281.1

**Synchrude
Oil Sands**

	Tonnes	Grade
Mined	64 598 323	10.64
Processed	64 565 005	10.60
External Energy		
	Gas	Electric
	3 3	
	10 m	GWh
Purchased	503 765.0	155.9
Generated	0.0	690.3
	503 765.0	846.2
Plant Use	134 459.0	846.2
Further		
Processing	369 306.0	0.0
Flared	0.0	0.0
Metering		
Difference	0.0	0.0
	503 765.0	846.2

Bitumen Synthetic Plant Operations

4

1994
Year to Date June

Operator	Products		Coke	Sulphur [2]	Intermediates	
	Synthetic	Other			Bitumen	Distillate [1]
	Crude Oil [3]	Hydro				
		-Carbons [4]				
	3	3			3	3
	m	m	tonnes	tonnes	m	m
Suncor	Diluent					
	Naphtha					
Open. Inv.	74 194.0	45 556.8	3 563 445	0	22 631.4	45 197.5
Receipts	0.0	0.0	0	0	0.0	0.0
Production	1 902 202.6	9 356.1	568 567	68 355	2 457 805.3	2 087 732.0
Clos. Inv.	45 111.7	44 530.5	3 746 113	173	46 331.0	104 232.5
	1 931 284.9	10 382.4	385 899	68 182	2 434 105.7	2 028 697.0
Further						
Processing	0.0	0.0	0	0	2 434 105.9	1 642 867.2
Fuel	23 981.3	0.0	385 899	0	0.0	0.0
Flared/Waste	0.0	10 382.3	0	3 751	0.0	20 231.0
Met. Diff.	(323.3)	0.1	0	1	(0.2)	(402.9)
Deliveries	1 907 626.9	0.0	0	64 430	0.0	366 001.7
	1 931 284.9	10 382.4	385 899	68 182	2 434 105.7	2 028 697.0

Syncrude	Diluent					
	Naphtha					
Open. Inv.	16 623	62 467	14 016 177	10 790	386 842	38 126
Receipts	0	0	0	0	58 054	0
Production	5 184 952	23 204	704 035	333 678	6 137 084	5 205 986
Clos. Inv.	58 690	58 860	14 720 212	238 168	327 070	88 711
	5 142 885	26 811	0	106 300	6 254 910	5 155 401
Further						
Processing	0	0	0	0	6 254 909	5 093 200
Fuel	45 923	0	0	0	0	0
Flared/Waste	0	26 811	0	0	0	0
Met. Diff.	(75)	0	0	0	1	62 201
Diluent Carryover						
/Rerun	0	0	0	0	0	0
To Suncor	0	0	0	0	0	0
Deliveries	5 097 037	0	0	106 300	0	0
	5 142 885	26 811	0	106 300	6 254 910	5 155 401

Unit Operations

Unit
Fuel to Gas

Category	Product	Unit	Value	Unit	Value	Unit	Value	Unit	Value
Synthetic	Gasoline	litre	14 140.0	45 000.0	2 500.000	0	0.0	0.0	0.0
	Propane	litre	1 007 500.0	0 000.0	0 000.000	0	0.0	0.0	0.0
	Butane	litre	45 117.0	0 000.0	0 000.000	0	0.0	0.0	0.0
	Gas Oil	litre	1 007 500.0	0 000.0	0 000.000	0	0.0	0.0	0.0
	Electricity	kWh	0.0	0.0	0.0	0	0.0	0.0	0.0
	Water	m³	0.0	0.0	0.0	0	0.0	0.0	0.0
	Steam	kg	0.0	0.0	0.0	0	0.0	0.0	0.0
	Coal	tonne	0.0	0.0	0.0	0	0.0	0.0	0.0
	Oil	tonne	0.0	0.0	0.0	0	0.0	0.0	0.0
	Gas	tonne	0.0	0.0	0.0	0	0.0	0.0	0.0
Synthetic	Gasoline	litre	14 140.0	45 000.0	2 500.000	0	0.0	0.0	0.0
	Propane	litre	1 007 500.0	0 000.0	0 000.000	0	0.0	0.0	0.0
	Butane	litre	45 117.0	0 000.0	0 000.000	0	0.0	0.0	0.0
	Gas Oil	litre	1 007 500.0	0 000.0	0 000.000	0	0.0	0.0	0.0
	Electricity	kWh	0.0	0.0	0.0	0	0.0	0.0	0.0
	Water	m³	0.0	0.0	0.0	0	0.0	0.0	0.0
	Steam	kg	0.0	0.0	0.0	0	0.0	0.0	0.0
	Coal	tonne	0.0	0.0	0.0	0	0.0	0.0	0.0
	Oil	tonne	0.0	0.0	0.0	0	0.0	0.0	0.0
	Gas	tonne	0.0	0.0	0.0	0	0.0	0.0	0.0

